

National Geospatial Advisory Committee (NGAC)

Joint Stakeholder Engagement / Public-Private Partnership Subcommittee Update



Cy Smith
Chair, Stakeholder
Engagement SC

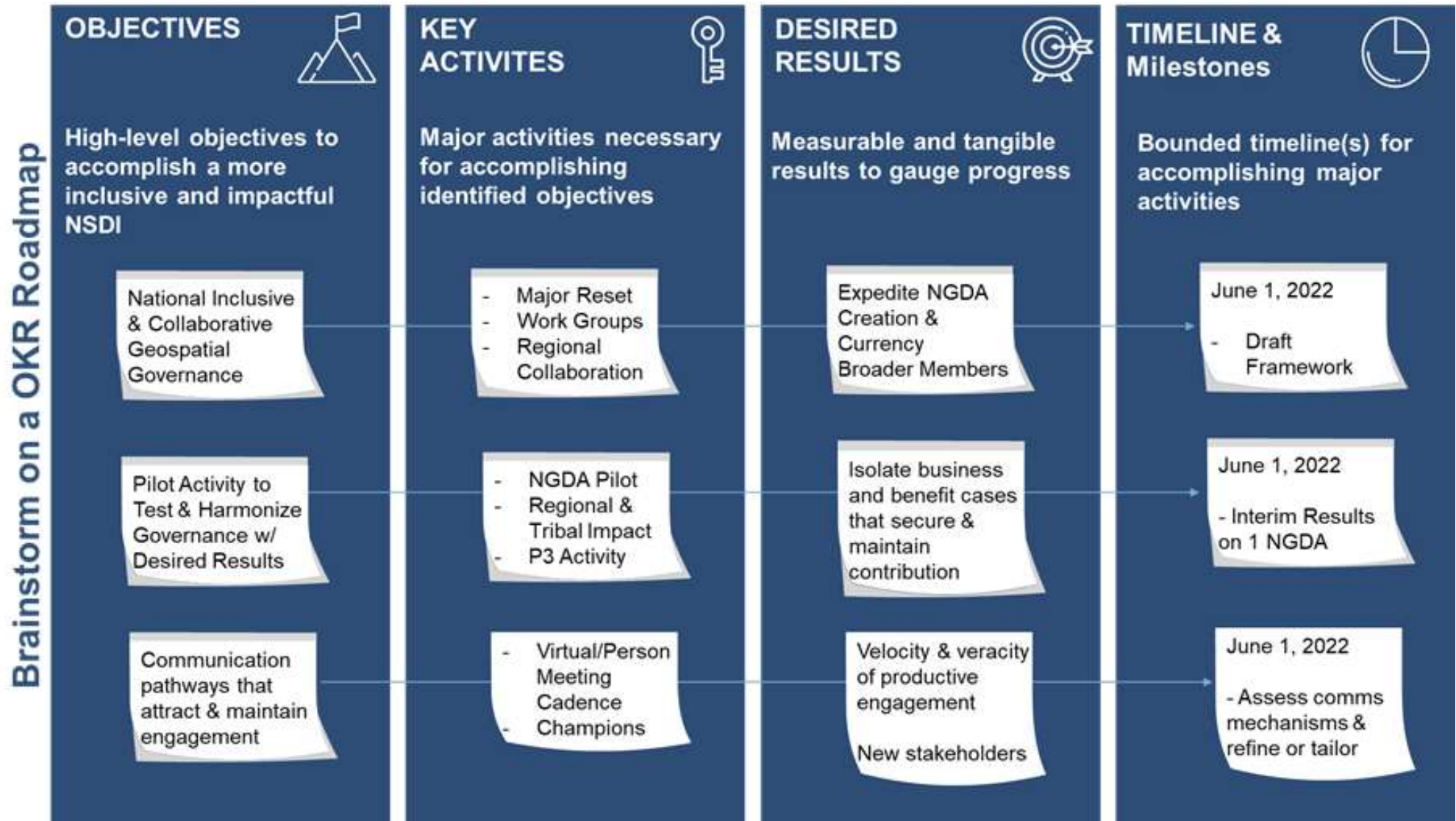
8 December 2021

Mark Reichardt
Chair, P3 SC

Agenda

- Introduction / Background
- GDA Workshops – Initial thoughts on Implications
- Evolving a National Collaborative Governance Model
 - Notional Concept
 - Key Characteristics / Functions / Roles
 - Piloting
- Potential Next Steps for NGAC P3 / Stakeholder SCs

Summarizing Insights from the 2021 Stakeholder GDA Workshops

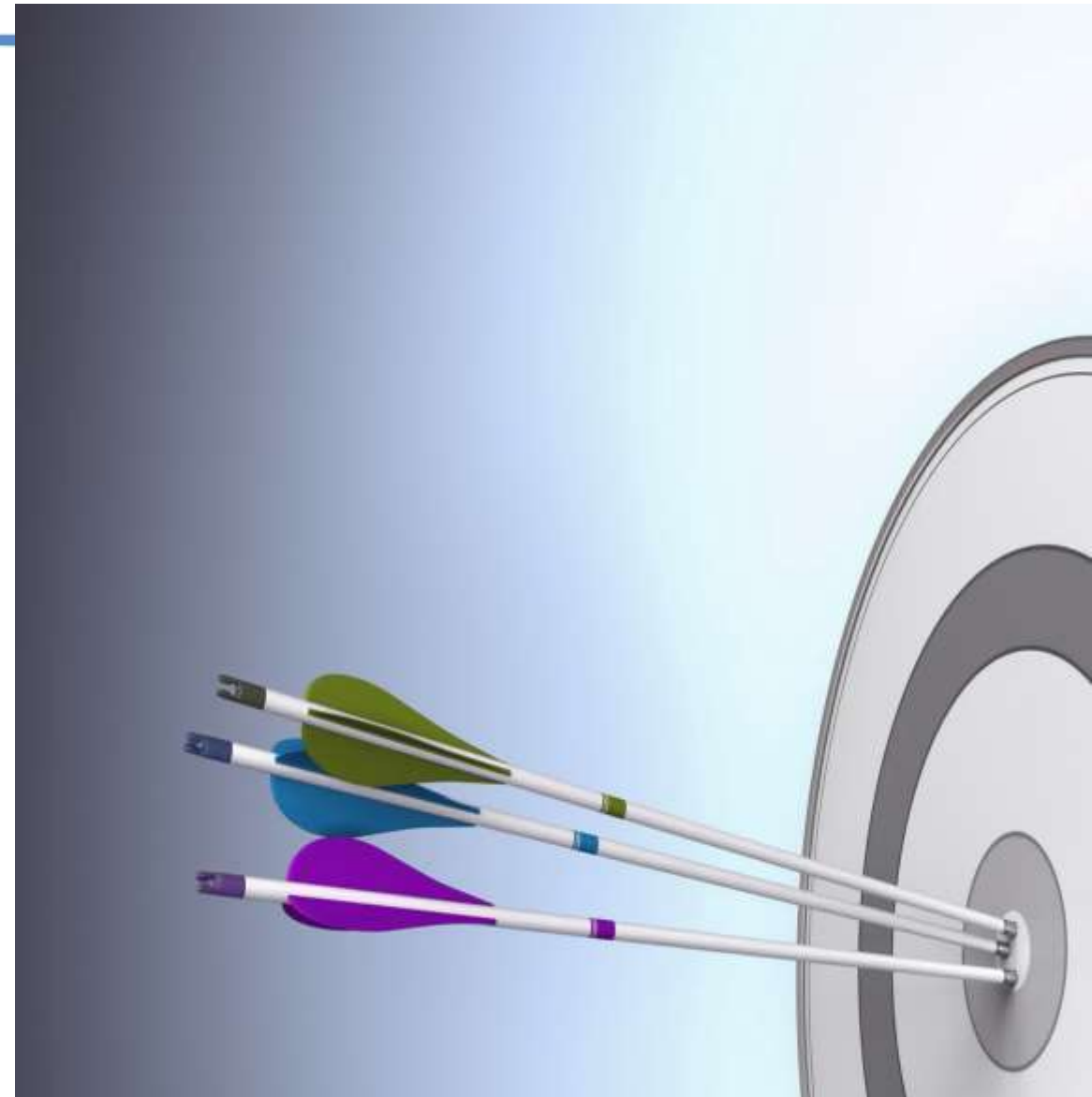


What is our Target? How do we get there?

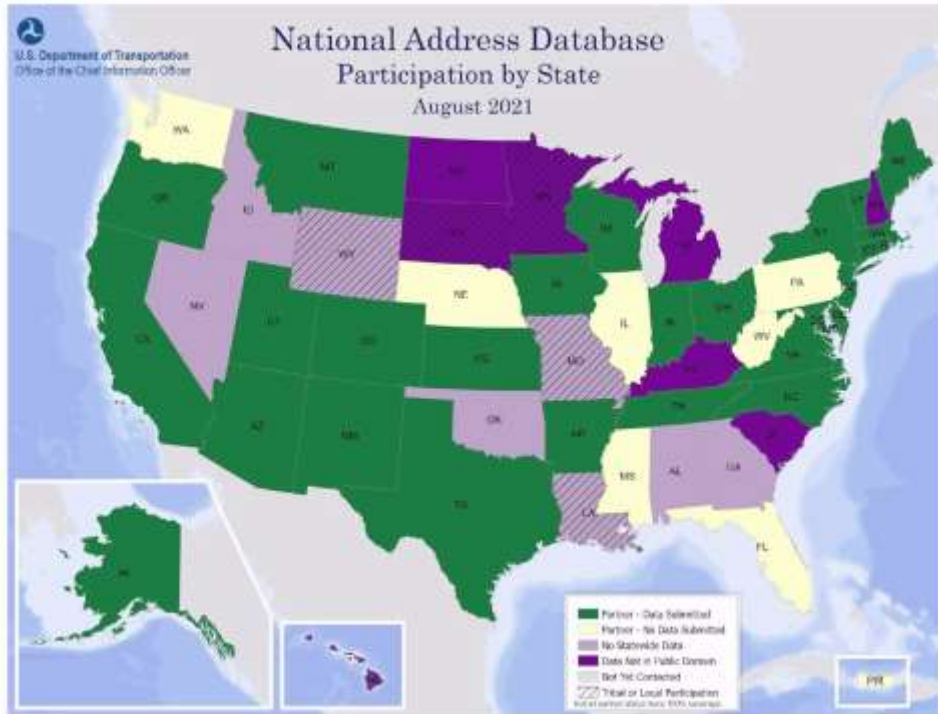
Recommendation to Test / Pilot (“small g”) collaborative governance approach

- Inclusive, equitable engagement
 - Minimal institutional arrangements & procedures
 - Hosting organization
- Focus on policy to align & coordinate
 - Requirements, Resources / Funding
 - Partnerships
 - Data and technology development / maintenance / governance
 - Standards

Priority focus areas, geographic location



Potential Areas of Priority Focus



Addresses

Parcels



Roads

Discussion: How Might We Get There From Here?

What might be a roadmap towards strategic planning and implementation of P3s and Stakeholder Engagement?



Recommendations: NGAC

Concept

Step 1

Mature and vet concept to help garner support from key stakeholders

- Plan / conduct workshops, circulate outreach materials to bring idea to life
- Engage stakeholders broadly to build support
- Inclusive of traditional and non-traditional players



Pilot Use Case

Step 2

Create a pilot plan recommendation for one or two NGDAs

- Develop recommended pilot scope
- Establish program value and benefits
 - Determine initial interest and potential levels of resources required



Activation: FGDC & Stakeholders

Time Bounded Sprint

Step 3

Execute pilot and evaluate effectiveness & lessons learned

- Test and evaluate
 - New governance approaches, patterns, and practices
 - New approaches for accelerating pilot NGDA completeness, standardization, currency
- Document partnership stakeholder engagement models/approaches used



Implementation

Step 4

Broader Implementation & Use of Newly Applied Governance

- Communicate success of pilot
- Adopt/Refine governance model to be tailorable & scalable
- Develop further partnerships with other needed or previously identified stakeholders
- Firm up MOU/MOA and Sustainability



Agenda 25 Oct Joint Stakeholder / P3 SC meeting

- Quick Review Stakeholder SC status, P3 Recommendations
 - Assessment of GDA Workshop outputs
 - Governance and Focus area jamboards
 - Preliminary OKR
 - NGAC October Recommendation
- Discussion: Potential revisions to OKR
- Next Steps
 - Outline National Collaborative Governance pilot Strategy and pilot plan

Evolving a National Governance Model (Notional Concept)

Alliance for Location Leadership (ALL)

- Key to uniting the diversity of government authorities and private sector interests to form more cost effective, optimized partnerships in advancing the NSDI
- Local, State, Tribal and private sector stakeholders are crucial to advancing the NSDI
 - Creation/maintenance of many NGDA themes occurs at the local and State levels, aggregated from multiple sources to form NGDAs, yet they do not have equal representation and voting rights in the advancement of the NSDI
 - Tribal nations create and share geospatial data with the federal government and States, yet they do not have equal representation and voting rights in the advancement of the NSDI
 - The private sector is rapidly evolving new, more efficient and effective technologies and data sources to support the strategic goals of the NSDI, yet they do not have equal representation and voting rights in the advancement of the NSDI

Alliance for Location Leadership (Notional Concept)

RATIONALE

- Significant geospatial data creation and maintenance occurs at the local level, with the need for standardization, aggregation, and integration of this data to establish nationally consistent coverage
- No collaborative governance process currently provides all authoritative geospatial data stakeholders an equitable opportunity to contribute to advancement of the NSDI
- An authoritative national spatial data infrastructure, accessible by all, is essential to solve the broad array of significant problems the nation faces
- **An NSDI must be built and supported by** authoritative data providers from local, State, and Tribal governments, institutions of higher education and the private sector
- **An NSDI must be led by** users based on knowledge needed, not simply by the amount of data and applications available

Alliance for Location Leadership - Key Characteristics

- Inclusive – open for participation by all stakeholders
- Equitable – all participating parties have equitable representation
- Member driven – Members self-govern through consensus
- Minimal Structure – essential to sustaining operations with organizational coherence
- Distributed - Establishment of committees as necessary to address specific topics, including the formation of initial ALL organizational structure and governance processes, and national geospatial topics
- Mutual Benefit – Members recognize the need for open data to meet public interest objectives, and the need of the private sector to have clear financial benefit from their participation

Alliance for Location Leadership - Key Functions

- Support collaboration and partnerships to advance NGDAs and other geospatial data themes/assets
 - Data development / maintenance
 - National standards for geospatial data, technologies
 - Search, discovery and access of geospatial information and tools
- Address and recommend solutions for key geospatial challenge areas, such as:
 - Provision of security
 - confidentiality of Personally Identifiable Information
 - Management of critical infrastructure data
- Recommend solutions for technology and market advancements on public-private business models
- Support communications, training, and capacity building

Advancing the Alliance for Location Leadership

- ALL programmatic processes may be best supported by a non-profit organization
 - A Special Purpose Vehicle, as underpins successful P3s
 - Would facilitate the multiple interests of the many government and private sector stakeholder organizations (e.g., legal, procurement, data sharing, etc.)
- An existing non-profit organization could serve this purpose for piloting
- A committee under an existing non-profit could serve as the structure for a consensus process to:
 - Conceptualize an initial collaborative governance model
 - Develop recommendations on initial pilot project areas and topics

Advancing the Alliance for Location Leadership

Pilot Characteristics

- Develop/document and Pilot a candidate national collaborative governance model and process to transition from a federal to a true national governance model
- Test the candidate governance model over 1-2 geographic areas (State or region)
- Focus on 1 or 2 NGDA themes needing improvement, in support of a specific use case, such as climate change
- Explore public-private approaches / methods to optimize / improve target NGDAs
- Document potential business model(s) to sustain and scale successful approaches nationally
- Target State(s) that include overlapping local, Tribal and Federal government jurisdictions, and include private sector, non-profit and academic interests
- Prepare and publish findings and recommended next steps to establish a roadmap and plan toward advancing a truly national collaborative governance process

Participation in the Alliance for Location Leadership

Stakeholder engagement in the ALL would include:

- Geospatial Associations
- Associations representing local, State and Tribal jurisdictions
- Professional Associations representing trades heavily vested in NGDA themes and the NSDI
- Geospatial and related private sector Associations
- Academic and research organizations
- The Federal Geographic Data Committee (FGDC) on behalf of the US Federal government

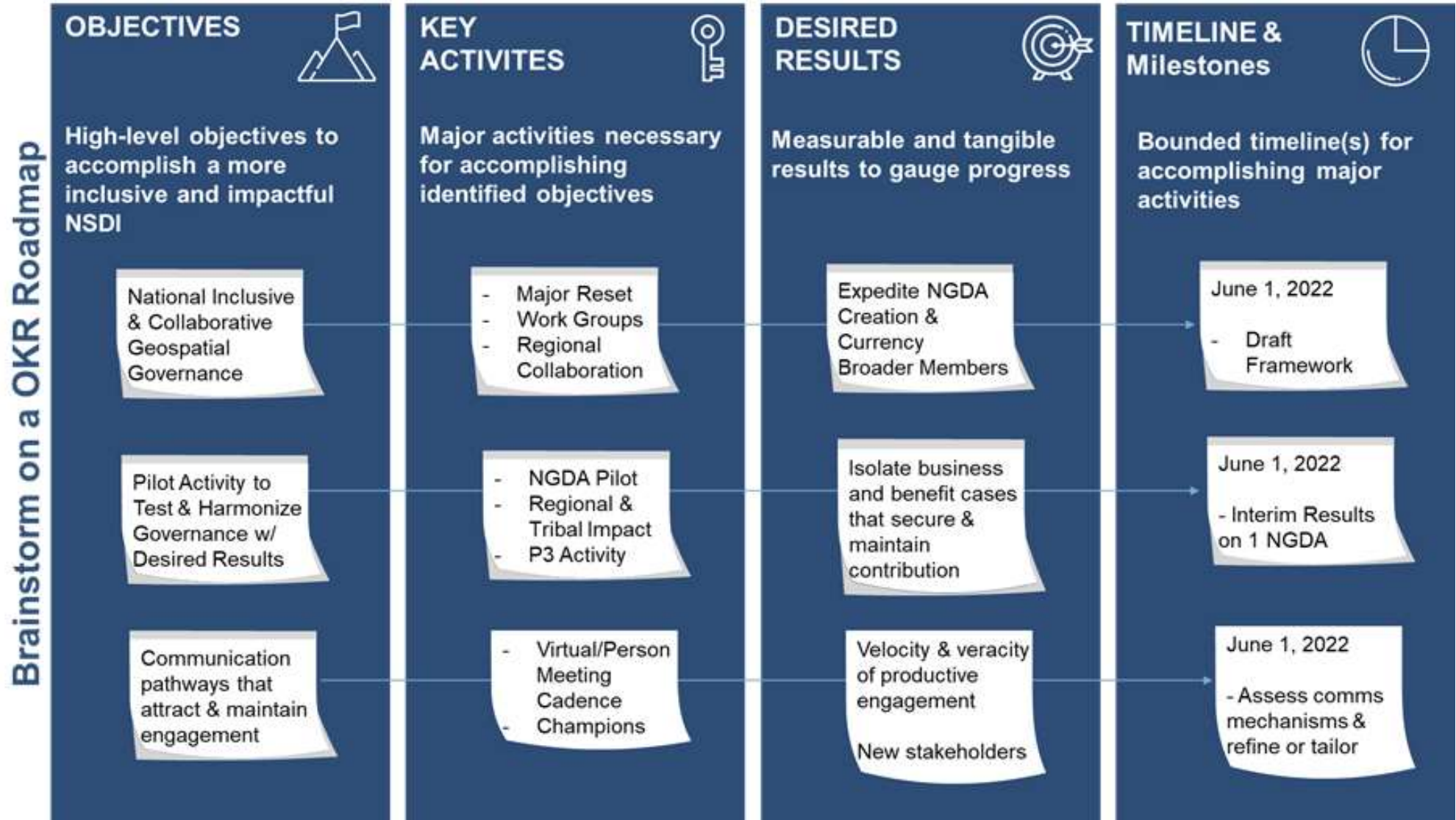
Alliance for Location Leadership - Advisory Board

- An Advisory Board would be formed of representatives elected by the ALL membership
- The Advisory Board should be comprised of representatives of organizations that can speak authoritatively for:
 - Federal Government - FGDC, GIOs, and CDOs
 - Local and State governments
 - Regions
 - Tribal nations
 - Standards community
 - Private sector associations

Alliance for Location Leadership – Pilot Process

1. Identify and formalize agreement with an existing Association as noted above, to support ALL piloting
2. Form and convene committee to develop an initial national collaborative governance model to guide pilot
3. Initial requirements:
 - a. Identify 1-2 States with overlapping local, State, Tribal and Federal jurisdictions
 - b. Identify and select 1-2 NGDAs of priority interest, for improvement within target States
 - c. Establish a specific use case for which the particular NGDA priority data themes are critically important
4. Activation / Funding / Resources
 - a. Develop funding / resources for pilot planning and conduct; leverage FGDC stakeholder Associations
 - b. Consider issuing a Call for Sponsors to provide funding / resources for the pilot
 - c. Develop Pilot Plan and a Call for Participation for the pilot to attract interested organizations
5. Leverage the capabilities and capacities of stakeholder geospatial community associations to plan and advance the ALL pilot

Discussion



Potential Subcommittee Next Steps

- Schedule series of Summits with community to:
 - Share and further shape piloting governance model (Dec 2021 / Jan 2022)
 - Identify potential candidate NSDI topics and geographic locations (Jan/Feb 2022)
 - Develop National Communications Recommendation (Feb 2022)
- Governance Piloting Roadmap Recommendation to NGAC (March 2022)
- Communications Recommendation to NGAC (June 2022)